

Docket Number: 008312-0308697

PATENT APPLICATION

Client Reference: T2TT-03S1154-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of

YUTAKA OKAMOTO, et al.

Group Art Unit: UNKNOWN

Application No.: TO BE ASSIGNED

Examiner: UNKNOWN

Filed: March 10, 2004

Confirmation No.: UNKNOWN

For: METHOD AND APPARATUS FOR DETECTING SYNC MARK IN A DISK DRIVE

INFORMATION DISCLOSURE STATEMENT INCLUDING PTO-1449

Commissioner for Patents
Mail Stop Patent Application
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

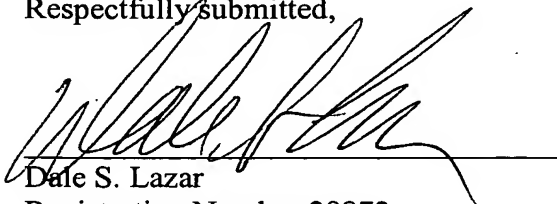
This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of the first Office Action on the merits in the present application. No certification or fee is required.

The applications (copies attached) identified in the attached Appendix are directed to related technical subject matter. The identification of those U.S. Patent Applications are not to be construed as a waiver of secrecy as to those applications now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited applications and the art cited therein during examination.

Relevance of the non-English language references are discussed in the present specification and/or in the Background Art Information Sheets and English-language Abstracts of the non-English language references attached hereto.

Respectfully submitted,

Date: March 10, 2004


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APPENDIX

Examiner's Initials	First Inventor	Application No.	Filing Date	Enclosed
	Manabu AKAMATSU	10/341,399	01/14/2003	<input checked="" type="checkbox"/> Specification <input checked="" type="checkbox"/> Drawings <input checked="" type="checkbox"/> Other: Filing Receipt
	Manabu AKAMATSU	10/342,190	01/15/2003	<input checked="" type="checkbox"/> Specification <input checked="" type="checkbox"/> Drawings <input checked="" type="checkbox"/> Other: Filing Receipt
	Manabu AKAMATSU	10/674,424	10/01/2003	<input checked="" type="checkbox"/> Specification <input checked="" type="checkbox"/> Drawings <input checked="" type="checkbox"/> Other: Filing Receipt
	Yutaka OKAMOTO	10/679,150	10/06/2003	<input checked="" type="checkbox"/> Specification <input checked="" type="checkbox"/> Drawings <input checked="" type="checkbox"/> Other: Filing Receipt

The Examiner's initials indicates he/she has considered the cited application relative to the subject application.

DO NOT PRINT the above information on the patent which results from the subject application.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known		
			Application Number		
			Filing Date	03/10/2004	
			First Named Inventor	YUTAKA OKAMOTO	
			Art Unit		
			Examiner Name	UNKNOWN	
Sheet	1	of		Attorney Docket Number	008312-0308697

[illegible]

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
	1	JP	3318937	06/21/2002			
	2	JP	2001-211411	08/03/2001	MATSUSHITA	Abstract	
	3	JP	2002-198827	07/12/2002	KOKUSAI	Abstract	
	4	JP	2001-344903	12/14/2001	KATO et al.	Abstract	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	
				Filing Date	
				First Named Inventor	
				Art Unit	
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	008312-0308697

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	ZINING QU, "Coding and Iterative Detection for Magnetic Recording Channels," Kluwer Academic Publishers, p. 21-46,	X
	2	ENGLING YEO ET AL., "VLSI Architectures for Iterative Decoders in Magnetic Recording Channels," IEEE TRANSACTIONS ON MAGNETICS, Vol. 37 (No. 2), p. 748-755, (March 2001).	X
	3	HAGENAUER ET AL., "A Viterbi Algorithm with Soft-Decision Outputs and it Applications," Institute for Communications Technology, p. 1680-1686, (1989).	X
	4	MOTOHIKO ISAKA ET AL., "A tutorial on "parallel concatenated (Turbo) coding," "Turbo (iterative) decoding" and related topics," Technical Report of IEICE, The Institute of Electronics, Information and Communication Engineers (Tokyo, Japan), p. 1-18, (1998).	

Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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